

FIG. 1A

1 TACCCCTGCCCTGAAAAACTGGCCAGGCCCTGCCT

61 AATGCCAAAGGCCATTAGAACCAAGGAGGGTCAATCCCCATCCCCATGGCTGGAT  
1

121 ATCCGTGTGGAAATCATCACTGTGGAGAAGCACCAGATGCAGACAGCCATGTATGTA  
10 I R V G K I T V E K H P D A D S L Y V

181 GAGAAGATTGACCGTGGGGAAAGCTGAACCAAGGACTGTGGTAGCAGCCCTGGTACAGTC  
30 E K I D V G E A E P R T V V S G L V Q F

241 GTGCCAAGGAGGAACCTGCAGGACAGGCTGGTAGTGGTGCACCTGAAACCCCCAG  
50 V P K E E L Q D R L V V L C N L K P Q

301 AAGATGAGGAGTCGAGTCCCAAGGCATGCCTCTGTGTGCTTCTATAGAAGGGATAAAC  
70 K M R G V E S Q G M L L C A S I E G I N

361 CGCCAGGTGAACCTCTGGACCCCTGGAGGGCTCTGGTGGAGCACGTGTTTGTG  
90 R Q V E P L D P P A G S A P G E H V F V

CLASS	O.G. f. I.G.
SUBCLASS	SPAN

FIG. 1B

SEARCHED	O.G. & I.G.
INDEXED	INDEXED
SERIALIZED	SERIALIZED

421 AAGGGCTATGAAAAGGCCAACCAACCAGATGAGGAGCTCAAGCCCAAGAAGAAAGTCCTCGAG  
110 K G Y E K G Q P D E E L K P K K V F E

481 AAGTTGCAGGCTGACTTCAAAATTCTGAGGAGTGCATCGCACAGTGGAAAGCAAACCAAC  
130 K L Q A D F K I S E E C I A O W K O T N

541 TTCATGACCAAGCTGGCTCCATTTCCTGTAAATCGCTGAAAGGGGGAACATTAGCTAG  
150 F M T K L G S I S C K S L K G G N I S .

601 CCAGCCCCAGCATCTTCCCCCTTCCACCACTGA 636

FIG. 2

130	GEKKEKKQASIAGSADSKPVIDVSRDLRIGCIIITARKHPDADSLYYEEV	179
32	EEVIPSRLDIRVGKIIITVEKHPDADSLYYVEKI	63
180	DVGEIAPRTTVVSGLVNHVPLQOMONRMVILLCNLKPAKMRGVLSQAMVMC	229
64	DVGEAEPRTVVSGLVQFVPKEELOQDRLVVVLCLNKLPAQKMRGVESAGMLLC	113
230	ASSPE.KIEILAPPNGSWPGDRITFDAF.PGEPDKELNPKKKIWEQIA	275
114	ASIEGINRQVEPLDPPAGSAPGEHVFKGYEKGQPDEELKPKKVFEKLQ	163
276	PDLHTNDECVATYKGYPFEVKGKGVCRAQTMSNSGIK	313
164	ADFKIISEECIAQWKATNFMTKLGSIS.CKSLKGNSIS.	200